



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D4811-1
Job Sheet 202490



Part No: D4811-1

Job Qty: 12 pcs

Part Name: Pin, Quick Release



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/29/19

Job Tracking No:

Created By: Marie Lajeunesse

Due Date: 12/9/19

Type: SOLD

Description:

Note: DWG REV A IPP REV:A 13.05.21 AS PER DWG REV.A VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs		
100	Purchasing	12 pcs	12/9/19	12/9/19	0.00	0.00	Purchasing - 1	HC NOV 12 2019
							Purchasing - 2	
							Purchasing - 3	
110	Packaging 2-1 - Receive - B4B	12 pcs	12/9/19	12/9/19	0.00	0.00	Packaging 2 - 1 - B4B	HC NOV 12 2019
							Packaging 2 - 2 - B4B	
							Packaging 2 - 3 - B4B	
							Packaging 2 - 5 - B4B	
							Packaging 2 - 4 - B4B	
							Packaging 2 - 6 - B4B	
							Packaging 2 - 7 - B4B	
							Packaging 2 - 8 - B4B	
							Packaging 2 - 9 - B4B	
							Packaging 2 - 10 - B4B	
							Packaging 2 - 11 - B4B	
							Packaging 2 - 12 - B4B	
							Packaging 2 - 13 - B4B	
							Packaging 2 - 14 - B4B	
							Packaging 2 - 15 - B4B	
							Packaging 2 - 16 - B4B	
							Packaging 2 - 17 - B4B	
							Packaging 2 - 18 - B4B	
							Packaging 2 - 19 - B4B	
							Packaging 2 - 20 - B4B	
							Packaging 2 - 21 - B4B	
							Packaging 2 - 22 - B4B	
							Packaging 2 - 23 - B4B	
							Packaging 2 - 24 - B4B	
							Packaging 2 - 25 - B4B	
							Packaging 2 - 26 - B4B	
							Packaging 2 - 27 - B4B	
							Packaging 2 - 28 - B4B	



Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 813 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S231025



Part: D4811-1
Job No: 202490
Serial No/Batch: S231025

Revision:
Inspector:
Exp Date:
Instructions: Various STC's

Date: 11/12/19

Plex 10/29/19 12:46 PM Dart.lajeunesse.marie

				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
120 QC 6	12 pcs	12/9/19	0.00 0.00	QC 6 - 9	
				QC 6 - 68	
				QC 6 - 61	
				QC 6 - 40	
				QC 6 - 81	
130 Packaging 3-1 - Stock - B4B	12 pcs	12/9/19	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
140 QC 21 - SA	12 pcs	12/9/19	0.00 0.00	QC 21 - SA - 21	
				QC 21 - SA - 70	
				QC 21 - SA - 53	

DAS
81
9-89
JAN 0 7 2020

DAS
34
9-89
GA/32

DAS
82
9-89

JAN 0 8 2020

Part Op 100 - (Purchasing) Issue P/O: _____ Possible Suplier: McMaster Carr Suplier p/n: 98470A133
Descriptions: 110 - (Receive & Inspect for Damage & Mat'l Certs) Ensure Material Release Note is attached
120 - (QC6- All purchased or subcontracted products)
130 - (Identify as per dwg & Stock Location: _____)
140 - (QC21- Final Inspection - Work Order Release)

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
98470A133	Pin, Quick Release D4811-1	12 pcs (1 ea)	100-Purchasing	S23/020
Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	98470A133	12	0	0
Part Specifications				
Specifications could not be found.				

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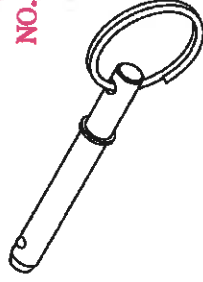
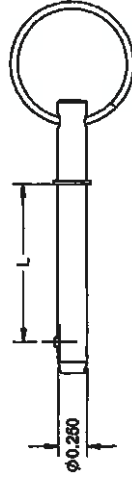
SPECIFICATION CONTROL DRAWING

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

NO. 2022430

145

19-10-29



DART PART NUMBER	DESCRIPTION	POSSIBLE VENDOR	VENDOR PART NUMBER	L	MATERIAL
D4811-1	QUICK RELEASE PIN	MCMASTER CARR	88470A133	1.347	18-8 SS

RELEASED
R 2013-05-16
JWP

NOTES:
1) MATERIAL: PER TABLE
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: PER QSI 044 METHOD 8.7
7) WEIGHT: N/A

A	NEW ISSUE	DB	BY	DATE
REV.	DESCRIPTION	DB	BY	DATE
DESIGN	DART AEROSPACE LTD	DB	BY	DATE
CHECKED	DRAWING NO.	DB	BY	DATE
MFG. APPR.	D4811	DB	BY	DATE
APPROVED	TITLE	DB	BY	DATE
DE APPR.	QUICK RELEASE PIN	DB	BY	DATE
DATE	13.04.01	DB	BY	DATE

Job: _____ Part No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐		DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐	
Date :	Sequence #:	QTY Affected :		MRB (QS1042)	
Description Work Order Deviation		Disposition			
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY Pressure/Forced ☐ Contamination ☐ Power Loss/Surge ☐ Positioned Wrong ☐ Bending ☐ Misaligned/off center ☐ Folio/Program ☐ Outside Tolerance ☐ Crushing ☐ BOM/Route ☐ Grain Direction ☐ Drawing ☐ Cracks ☐ Broken/Damage/Defect ☐ Weld ☐ Finish ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Incomplete/Unclear Instructions ☐ Wrong Stock Pulled ☐ Part Lost/Missing ☐ Marks/Chatter ☐ Drill Holes ☐ Out of Sequence ☐ Misread ☐ Mislabeled ☐ Fit/Function ☐ Off-set/Set-up ☐ Other/Details:			
		Completed By			
		Lead hand / Supervisor			
		QC / QA Coordinator			



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER
POHB044971



Supplier: MCM001-VU
McMaster-Carr Supply Co,
P.O. Box 7690
Chicago, IL 60680-7690 USA
Phone: 330 995 5500
Fax: 330 995 9600

Attention: N/A,

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB044971
PO Date: 11/1/19
Due Date: 11/8/19
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Lavoie, Chantal
Phone: 613-623-5200 Ext: 242
Fax: 613-632-1053
clavoie@dartaero.com

Via: Ground
Pymt Terms: 2% 10 Net 30
Freight Terms:
Special Comments:

NOV 01 2019

Items													
Line Item	Job	Part	Drawing	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	202677	59915K274			Rod End Bearing D4777-1 : AS PER DWG D4777 REV. A	Firmed X40		11/8/19	40 pcs	0 pcs	40 pcs	\$23.17/pcs	\$926.80
2		91841A011		100/pk	Nut	Firmed X100		11/8/19	100 Ea	0 Ea	100 Ea	\$0.0377/Ea	\$3.77
3		92314A253		25/pk	Screw	Firmed X25		11/8/19	25 Ea	0 Ea	25 Ea	\$0.3948/Ea	\$9.87
4	202490	98470A133	D4811		Pin, Quick Release D4811-1 : AS PER DWG d4811 REV. A	Firmed X12		11/8/19	12 pcs	0 pcs	12 pcs	\$3.01/pcs	\$36.12
5	202694	92311A599			Set Screw D2712 : AS PER DWG D2712 REV. B	Firmed X200		11/8/19	200 pcs	0 pcs	200 pcs	\$0.22/pcs	\$44.00
Grand Total:													\$1,020.56

	Dart Aerospace Ltd. 1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada Tel (613) 632-5200	PURCHASE ORDER POHB044971 
Order Notes Procurement Quality Clauses A005 RIGHT OF ENTRY A016 PERSONNEL QUALIFICATION A026 CERTIFICATION OF MATERIAL CONFORMANCE A032 DOCUMENT SPECIAL REQUIREMENTS A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS A040 NOTIFICATION OF QUALITY ESCAPE A041 QUALITY MANAGEMENT SYSTEM A042 DART NOTIFICATION BY SUPPLIER A043 RETENTION OF QUALITY DOCUMENTS A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM A049 SUPPLIER AWARENESS Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.		

Plex 11/1/19 7:40 AM Dart.Lavole.Chantal



Packing List

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
POHB044971
Order Placed By
Chantal Lavoie
McMaster-Carr Number
4547333-01

Page 1 of 1
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Line	Product	Ordered	Shipped
1	59915K274 Corrosion-Resistant Ball Joint Rod End, 3/8"-24 Thread, Right Hand	40 Each	40 ✓
2	91841A011 18-8 Stainless Steel Hex Nut, 10-24 Thread Size, Packs of 100	1 Pack	1 ✓
3	92314A253 18-8 Stainless Steel Hex Head Screws, 10-24 Thread Size, 2" Long, Packs of 25	1 Pack	1 ✓
4	98470A133 Shoulder-Style Ring-Grip Quick-Release Pin, 18-8 Stainless Steel, 1/4" Diameter, 1-5/16" Usable Length	12 Each	12 ✓
5	92311A599 18-8 Stainless Steel Cup-Point Set Screw, 5/16"-24 Thread, 5/8" Long, Packs of 50	4 Packs	4 ✓

Certificate of compliance

This is to certify that the above items were supplied in accordance with the description and as illustrated in the catalog. Your order is subject only to our terms and conditions, available at www.mcmaster.com or from our Sales Department.

Sarah Weinberg

Sarah Weinberg
Compliance Manager